

## Claims

The claimed invention is:

- 1 1. A video display device comprising:  
2 a display configured to display a primary image and a  
3 picture-in-picture image (PIP) overlaying the primary image;  
4 a processor operatively coupled to the display and  
5 configured to receive a first video data stream for the primary  
6 image, to receive a second video data stream for the PIP, and to  
7 change a PIP display characteristic in response to a  
8 characteristic present in the primary image.
- 1 2. The video display device of Claim 1, wherein the PIP  
2 display characteristic is at least one of a position of the PIP  
3 on the display, a display size of the PIP, and a transparency of  
4 the PIP.
- 1 3. The video display device of Claim 1, wherein processor is  
2 configured to analyze at least one frame of the first video data  
3 stream and detect at least one of a continuous color portion and  
4 a continuous texture portion on the at least one frame as the  
5 characteristic present in the primary image.

1 4. The video display device of Claim 1, wherein processor is  
2 configured to analyze at least one frame of the first video data  
3 stream and determine whether there is a person image on the at  
4 least one frame as the characteristic present in the primary  
5 image.

1 5. The video display device of Claim 1, wherein processor is  
2 configured to analyze at least one frame of the first video data  
3 stream and determine whether there is a person image on the at  
4 least one frame and at least one of a continuous color portion  
5 and a continuous texture portion as the characteristic present in  
6 the primary image.

1 6. The video display device of Claim 1, wherein processor is  
2 configured to analyze at least one frame of the first video data  
3 stream and determine a behavior present on the at least one frame  
4 as the characteristic present in the primary image.

1 7. The video display device of Claim 1, wherein the PIP  
2 display characteristic is a position of the PIP and wherein the  
3 processor is configured to reposition the PIP to minimize  
4 overlaying a portion of the primary image wherein the  
5 characteristic is present in the primary image.

1 8. The video display device of Claim 1, wherein the PIP  
2 display characteristic is a size of the PIP and wherein the  
3 processor is configured to resize the PIP to minimize overlaying  
4 a portion of the primary image wherein the characteristic is  
5 present in the primary image.

1 9. The video display device of Claim 1, wherein the PIP  
2 display characteristic is a transparency of the PIP and wherein  
3 the processor is configured to render the PIP transparent to  
4 transparently overlay a portion of the primary image wherein the  
characteristic is present in the primary image.

1 10. The video display device of Claim 1, wherein the PIP  
2 display characteristic is a size and a position of the PIP and  
3 wherein the processor is configured to determine the size and the  
4 position of the PIP to minimize overlaying a portion of the  
5 primary image wherein the characteristic is present in the  
6 primary image.

